1449B/PTO			Commerce	Com	plete If Known	
Rev. 10/95	Patent	and Trader	nark Office	Application Number	09/4678/8 MEAL 8/2	21/02
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	LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Kiridena et al.	
CITE				Group Art Unit		
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Sheet	2	of	3	Attorney Docket Number	199-0680	

				U.S. PATENT DOCUMENTS		
Examiner Initials	Cite No.1	Number	Kind Code (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication or Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MEN	1	5,649,032		Burt et al.	7/15/97	
Man	2	4,404,059		Livshits et al.	9/13/83	

	FOREIGN PATENT DOCUMENTS									
Examiner Initials	Cite No.1	Office	Number	Kind Code (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication or Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	1	JP-	-03099952		Noso-Kazunori	4/25/91				
		—JP-	-05310078_		Hisashi_et-al	11/22/93				
	-3 -	JP_	10104765		Yasuhide et al.	4/24/98				
	4	-JP-	10257482-		Kenji et al.	9/25/98				
	5	JP-	-10211849-		-Horiguehi-Akinori_	8/11/98				
	6	-JP-	-09030327-		-Tomoaki-et-al	2/4/97				
	7	-JP	_10258 68 2=		Yoshiaki-et-al-	9/29/98				
-	8	JP_	-10175482		-Horiguchi-Akinori-	6/30/98				
	9	_JP_	-0 91-1 81-78-		Masayuki-et-al	5/ 6 /97				
	1.0	JP_	07195978-		Katsunori et al.	8/1/95				
_Ch _ wa	1-1	_JP_	07144578		Katsuki-et-al-	6/6/95				
-	1.2	-J P−	-06344828_		Θda-Yuichi	12/20/94				
-	13	-JP-	-06227315-		Masao et al.	8/16/94				

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Examiner Signature	artin 8	Miller	Date Considered	3/21	02

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Rev. 10/95	Patent a	and Tradema	ank Office	Application Number		
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Sheet	3	Of	3	Attorney Docket Number	199-0680	

		OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country where published, source.	T²
nem	1	RICHARD SZELISKI, Video Mosaics for Virtual Environments, Magazine, March	
1000		1996, Page 22-30, IEEE Computer Graphics and Applications	\vdash
	2	IRANI M; ANANDAN P; BERGEN J; ET AL, Efficient Representations of Video	
mem	•	Sequences and Their Applications, May 1996, Pages 327-351, Signal Processing Image Communications	
	3	ZOGHLAMI I; FAUGERAS O; DERICHE R, Using Geometric Corners to Build a 2D	
men	1	Mosaic From a Set of Images, June 1997, Pages 420-425, IEEE Computer Society	
V ·		Conference on Computer Vision and Pattern Recognition	
	4	PELEG S; HERMAN J, Panoramic Mosaics by Manifold Projection, June 1997, Pages	1
war	1	338-343, IEEE Computer Society Conference on Computer Vision and Pattern	
W		Recognition	
	5	MULLER JR; ANANDAN P; BERGEN JR, Adaptive-complexity Registration of	
men	-	Images, June 1994, Pages 953-957, IEEE Computer Society Conference on	
400		Computer Vision and Pattern Recognition	
	6	SWAHNEY HS; KUMAR R, True Multi-image Alignment and its Application to	
man	_	Mosaicing and Lens Distortion Correction, 1997, Pages 450-456, IEEE Computer	
Ancon (Society Conference on Computer Vision and Pattern Recognition	<u> </u>
	7	MAKISARA K; SARJAKOSKI T; ANDERSON K; ET AL, Geometrical Processing	
		Methods for Digitized Video Images, June 1991, Pages 2427-2430, Igarss ' 91:	
	:	Remote Sensing, Global Monitoring For Earth Management: 1991 International	
man		Geoscience and Remote Sensing Symposium, Helsinki University of Technology, ESPO, Finland	
	8	WEI W; GAO Z; HU S, New Algorithm of Image Registration In Image Fusion Based	
. 444		on Wavelet Decomosition, November 1996, Pages 28-34, Proceedings of Spie, The	
wan	'	International Society for Optical Engineering	
	9	IRANI M; HSU S; ANANDAN P, Video Compression Using Mosaic Representations,	
anam	/	November 1995, Pages 529-552, Signal Processing Image Communications	
	10	SAWHNEY H; KUMAR R, True Multi-Image Alignment and Its Application to	
mery	′	Mosaicing and Lens Distortion Correction, March 1999, Pages 235-243, Volume 21	
	11	DANI; PANKAJ; CHAUDHURI; SUBHASIS, Automated Assembling of Images: Image	
man		Montage Preparation, August 1994, Pages 431-435, Volume 28	
	12	SZELISKI R, Image Mosaicing for Tele-reality Applications, December 1994, Pages	
men		44-53, IEEE Workshop on Applications of Computer Vision	
	13	HANSEN M; ANANDAN P; DANA K; ET AL, Real-time Scene Stabilization and	
men	,	Mosaic Construction, December 1994, Pages 54-62, IEEE Workshop on Applications	
710000		of Computer Vision .	
	14	IRANI M; ANANDAN P; HSU S, Mosaic Based Representations of Video Sequences	
incus		and Their Applications, June 1995, Pages 605-611, Fifth International Conference on	
Wow/		Computer Vision.	
	15	SHUM HY; SZELISKI R, Construction and Refinement of Panoramic Mosaics,	
men	_ ,	January 1998, Pages 953-958, International Conference on Computer Vision	
	16	GUMUSTEKIN S; HALL RW, Image Registration and mosaicking Using A Self-	
	<i>'</i>	calibrating Camera, October 1998, Pages 818-822, Volume 1, Proceedings,	
nen		International Conference on Image Processing	
	17	· · · · · · · · · · · · · · · · · · ·	
men		MARKS RL; ROCK SM; LEE MJ, Real-time Video Mosaicking of the Ocean Floor,	
ן אידויין	,	July 1995, Pages 229-241, Volume 20, IEEE Journal of Oceanic Engineering	
		July 1995, Pages 229-241, Volume 20, IEEE Journal of Oceanic Engineering	<u></u>

	18	KUMAR R; HANSON AR, Robust Estimation of Camera Location and Orientation From Noisy Data Having Outliers, November 1989, Pages 52-60, Workshop on	
man	V	Interpretation of 3D Scenes 1989	
	19	IRANI M; ANANDAN P, Robust Multi-sensor Image Alignment, January 1998, Pages	
www	,	959-965, International Conference on computer Vision	
	20	GUMUSTEKIN S; HALL RW, Mosaic Image Generation on a Flattened Gaussian	
ww	₹	Sphere, December 1996, Pages 50-55, IEEE Workshop on Applications of Computer	
100,		Vision	
[_A]	21	FLEISCHER SD; WANG HH; ROCK SM; ET AL, Video Mosaicking Along Arbitrary	
went	,	Vehicle Paths, June 1996, Pages 293-299, IEEE Symposium on Autonomous	
da.		Underwater Vehicle Technology	
	22	ANDERSON K, Finding Common Points From Digitized Video Images, June 1991,	
1,00		Pages 2423-2425, Volume 4, Igarss '91 Remote Sensing, Global Monitoring For Earth	
ww.	,	Management : 1991 International Geoscience and Remote Sensing Symposium,	
40		Helsinki University of Technology, ESPO, Finland	
ا ۸۱۰	23	BURT PJ; ANANDAN P; HANNA K, Electronic From-end Processor for Active Vision,	
way	,	November 1992, Pages 769-780, Volume 1825, Proceedings of Spie, The	
40		International Society for Optical Engineering	_
ا بر	24	ANANDAN P; IRANI M; KUMAR R; ET AL, Video as an Image Data Source: Efficient	
new	1	Representations and Applications, October 1995, Pages 318-321, 1996 IEEE	
4.		International Conference on Image Processing Proceedings (ICIP)	
W.CN GAS	25	AFEK Y; BRAND A, Mosaicking of Orthorectified Aerial Image, February 1998, Pages	
Mr.		115-125, Volume 64, Photogrammetric Engineering and Remote Sensing	
mens	26	SZELISKI R; KANG SB, Direct Methods for Visual Scene Reconstruction, June 1995,	
	07	Pages 26-33, IEEE Workshop on Representation of Visual Scenes	
men	27	IRANI M; ROUSSO B; PELEG S, Computing Occluding and Transparent Motions,	
V -	20	February 1994, Pages 5-16, Volume 12, International Journal of Computer Vision SHUM HY; IKEUCHI K; REDDY R, Virtual Reality Modeling From a Sequence of	
. n	28		
wer	/	Range Images, September 1994, Pages 703-710, Volume 1, Proceedings of the IEEE RSJ GI International Conference on Intelligent Robots and Systems	
	29	FLEISCHER SD; MARKS RL; ROCK; ET AL, Improved Real-time Video Mosaicking	\vdash
		of the Ocean Floor, October 1995, Pages 1935-1944, Volume 3, Oceans	
war	1	-Conference-	
	30	BURT PJ; HANSEN M; ANANDAN P, Video Mosaic Displays, April 1996, Pages	
1 .w	30	119-127, Volume 2736, Proceedings of Spie, The International Society for Optical	
was	,	Engineering	
(.)	31	SZELISKI R; SHUM HY, Creating Full View Panoramic Image Mosaics and	
man	٠,	Environment Maps, August 1997, Pages 251-258, Computer Graphics	
			<u> </u>

Examiner 1 1 Date	1 (7)	154	
Signature Consider Considering Control Considering Control Con	red 6		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Respectfully submitted,

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